

Linder, Tiffany

From: Saling, Jackie
Sent: Friday, June 26, 2026 4:34 PM
To: Zuber, Brian (EGLE); Tiffany Minder (tminder@cityofflint.com)
Cc: Brendan Mullen; Dave Favero; Linder, Tiffany; Matteson, Kasey
Subject: Outfall 002 Inspection
Attachments: Outfall 002 inspection fig.pdf

Hi Tiffany and Brian,

Per the schedule in the ICAP submitted in February pursuant to the ACO between RACER and EGLE WRD, we are currently coordinating an inspection of Manhole 2-18 and its immediate piping associated with Outfall 002 for the week of July 6th (See figure attached). This manhole historically showed a leak in the joint below the outlet pipe, as well as a leak in the first joint downstream of the manhole. In the ICAP, RACER proposed to pump down MH 2-18 to 1) inspect the leakage, 2) confirm the conditions, and 3) confirm the repair approach proposed in the ICAP is still appropriate. The plan for this inspection includes:

- Place sand bags in the upstream line at manhole 2-18 to stop into MH 2-18
- Collect a sample of the water upstream of the sandbags to assess the quality of the water coming from upstream of MH 2-18
- Use one or two vac trucks to dewater MH 2-18. Vac trucks would temporarily hold the water removed from the manhole while the inspection work is completed.
- Once dewatered, inspection of the leaking joints at and immediately downstream of MH 2-18 will be done by a person following confined space safety protocols from inside the MH 2-18 structure. A sample of shallow groundwater leaking into the manhole and/or outfall piping will be collected, if possible.
- Upon completion of the inspection, the sandbags will be removed and water from the vac trucks will be returned to MH 2-18.
- It is expected to take approximately 4-5 hrs from when sandbags are placed to when they are removed
- In addition, inspection of ~900 ft of the sealed sewer main upstream of MH 2-18 will be conducted with CCTV. In order to facilitate the inspection, sandbags will be temporarily placed at the upstream end of the main at MH 2-18-2 to stop flow and allow the CCTV inspection downstream. If the main needs to be inspected in shorter sections due to flow conditions, sandbags may be placed in MH 2-18-1, if needed.
- A jet/vac truck will be available if the sewer line needs to be cleaned to facilitate the CCTV inspection.
- All attempts will be made to complete the CCTV inspection without removal of water. However if flow conditions are such that sandbags are not adequate to hold back the flow, the field crew will be ready to remove water if needed. Any water removed will be placed back in the manhole from which it was extracted.
- The CCTV inspection is expected to take 4-5 hrs from the time that sandbags are placed to when they are removed.

We are currently planning on having up to two vac trucks onsite to manage the water during the inspection, each with 6,000 gal capacity. The jet/vac truck also has 2,500 gal capacity of water storage if needed. We are going to the Site to gauge the water levels in MH 2-18 and upstream manholes to determine if we need to adjust the vac truck capacity for the field event. As noted, we have this field event tentatively planned for the week of July 6th (assuming dry weather conditions). Please let us know if you have any questions about this inspection. We would be happy to schedule a call with you both to incorporate your input into this plan.

Thanks,
Jackie

Jackie Saling, PE (she/her)

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Storm Sewer Main

002, below water table

002, sealed

MH 2-18-2

Sand bags placed
here for sewer main
inspection

MH 2-18-1

Sewer line to be inspected

MH 2-18

Sand bags placed
here for MH 2-18
inspection

